

REMARKS/ARGUMENTS

This Amendment is in response to the Office Action dated November 1, 2005. Claims 1-15 are pending in the present application. Claims 1-15 have been rejected. Claims 1, 2, 9, and 14 have been amended to address the §112 rejections and to correct typographical and grammatical errors, in order to place the claims in condition for allowance. Support for the amendments to the claims is found throughout the specification, and in particular, on page 10, lines 6-7. Applicant respectfully submits that no new matter has been presented. Accordingly, claims 1-15 remain pending. For the reasons set forth more fully below, Applicant respectfully submits that the claims as presented are allowable. Consequently, reconsideration, allowance, and passage to issue are respectfully requested.

Claim Rejections - 35 U.S.C. §112

The Examiner has stated:

Claim 1 is rejected under 35 U.S.C. 112, second paragraph, for failing to properly define the term m. For examination purposes the examiner will assume that m is an inter value.

Claim 2 is rejected under 35 U.S.C. 112, second paragraph, for failing to properly define the term k. For examination purposes the examiner will assume that k is an integer value.

Claim 14 is rejected under 35 U.S.C. 112, second paragraph, because it is unclear what a second plurality of presentations is in reference to since there is no mention of a first plurality of presentations. For examination purposes the examiner assumes that the second plurality of presentations is a first plurality of presentations and that the mentioned third plurality of presentations should be the second plurality of presentations.

In response, claims 1, 2, and 14 have been amended to address the above-referenced rejections. Specifically, claim 1 has been amended to clarify that m is an integer value, and claim 2 has been amended to clarify that k is an integer value. Claim 1 has been further amended to clarify that n and l are an integer values. Furthermore, claim 14 has been amended such that the

originally recited “second plurality of presentations” is now the “first plurality of presentations” and that the originally recited “third plurality of presentations” is now the “second plurality of presentations.”

Claim Rejections - 35 U.S.C. §102

The Examiner has stated:

Claims 1, 9-10 and 12 are rejected under 35 U.S.C. 102(e) as being anticipated by Branson (US 6,819,304).

Regarding claim 1, Branson discloses an automatic composite display, comprising: an n number of display positions in the autonomic composite display where n is at least equal to two (Figures 4A-4C. From the figures it can be seen that there are a number of display positions.); an m number of display devices for engaging the n number of display positions (Figures 4A-4C. From the figures it can be seen that there are a number of display devices that connect together.); and a composite display controller for presenting an l number of presentations on the m number of display devices wherein the controller automatically detects a change to m and modifies the l number of presentations responsive to the change (Column 5, lines 44-61. The examiner interprets that if the device is configured to automatically detect a modification that it would contain a controller.).

Regarding claim 9, Branson discloses a method of autonomically adjusting presentations on each of a plurality of electronic display devices making up a composite sign in response to a change in the number of electronic display devices used in the sign under control of a computer system, comprising the steps of: (a) monitoring for a change in m by the computing system, where m was the number of active devices in the composite sign before the change and m' is the number of active devices in the composite sign after the change (Column 5, lines 44-61. The examiner interprets that the device configured to automatically detect a modification would consist of monitoring for a change.); and (b) adjusting, by the computer system, one or more presentations exhibited on the m' devices in response to the change (Column 5, lines 44-61)...

Applicant respectfully disagrees with the Examiner's rejections. The present invention provides an autonomic composite display. In accordance with the present invention, the autonomic composite display includes an n number of display positions in the autonomic composite display where n is at least equal to two, wherein n is an integer value, and an m number of display devices for engaging the n number of display positions, wherein m is an integer value. The autonomic composite display also includes a composite display controller for presenting an l

number of presentations on the m number of display devices, wherein l is an integer value, wherein the controller automatically detects a change to m and modifies the l number of presentations responsive to the change. Branson in view of Santoro does not teach or suggest these features, as discussed below.

Branson discloses an adjustable display device with a display adjustment function and method therefore. The adjustable display device includes a plurality of display segments defining an adjustable size of a display device for displaying data, and a detection mechanism operatively coupled to the plurality of display segments. The detection mechanism is configured to detect a change in size of the display device by displacement of at least one of the plurality of display segments, and is also configured to generate a corresponding detection signal. The adjustable display device further includes a controller operatively coupled to the detection mechanism and configured to: (1) receive the detection signal; (2) adjust displayed data of the display device in response to the detection signal; and (3) display the adjusted displayed data on one or more of the display segments. (Abstract.)

However, Branson does not teach or suggest the “composite display controller for **presenting an l number of presentations** on the m number of display devices, wherein l is an integer value, wherein the controller automatically **detects a change to m and modifies the l number of presentations responsive to the change,**” as recited in amended independent claim 1. The Examiner has referred to column 5, lines 44-61, of Branson as teaching this feature, stating that “if the device is configured to automatically detect a modification that it would contain a controller.” However, Branson does not teach or suggest “an l number of presentations” as in the present invention. Instead, Branson teaches only a single presentation (see the hammer in Figures

4A-5D of Branson). Furthermore, Branson does not teach or suggest modifying “the l number of presentations responsive to the change” to m, as in the present invention. Instead, Branson teaches adjusting the “resolution, amount, and size of the displayed image (column 5, lines 53-55), which adjusts for the different sizes of the display area (column 5, line 56). Referring to Figures 5A and 5B of Branson, only a single presentation is shown and the adjustment of that single presentation is based on the size of the screen. Referring to Figures 4-7 of the present invention, the number l of presentations is modified based on the change in the number m of displays. Nowhere does Branson teach or suggest multiple presentations where the **number of presentations** is modified “responsive to the change” to m, as in the present invention.

Therefore, Branson does not teach or suggest the cooperation of elements as recited in amended independent claim 1, and this claim is allowable over Branson.

Independent claim 9

Similar to amended independent claim 1, amended independent claim 9 recites “adjusting, by the computing system, one or more presentations exhibited on the m’ devices in response to the change.” As described above, with respect to amended independent claim 1, Branson does not teach or suggest this feature. Accordingly, the above-articulated arguments related to amended independent claim 1 apply with equal force to claim 9. Therefore, claim 9 is allowable over Branson for at least the same reasons as claim 1.

Claim Rejections - 35 U.S.C. §103

The Examiner has stated:

Claims 2-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Branson (US 6,819,304) in view of Santoro et al. (US 2003/0020671)...

Regarding claim 14, Branson discloses an autonomic composite display, comprising: means for arranging a first plurality of devices into the composite display (The examiner understands that it is inherent to have a plurality of devices, such as CRTs or LCDs arranged into a composite display.) and means for discretely and independently exhibiting a presentation and means for controlling a presentation on the devices including automatic detection of a change to the presentation and modification of the presentation in response to the change (Column 5, lines 44-61. The examiner interprets that since the device automatically detects a modification that there would be a controller that would perform this function.). Branson fails to teach of having an autonomic composite display in which the plurality of devices exhibit a plurality of presentations. Santoro et al. disclose of a display in which a plurality of tiles exhibit a plurality of presentations (Paragraph [0088] and [0089]. The examiner interprets that the second plurality of presentations and third plurality of presentations would be represented by the fact that the user can select whatever is displayed on the tile and that the second plurality would refer to one configuration and the third plurality would refer to a second configuration.). Therefore, it would have been obvious to "one of ordinary skill" in the art to combine the display taught by Branson to include the adjustment of the display when individual presentations are displayed on the display sections as taught by Santoro et al. in order to allow for the automatic adjustment of the presentations being displayed without the need for the user to make the change themselves such as is the displays were used in a situation that would not allow someone to fix the display right away if there were a malfunction.

Regarding claim 15, Branson discloses a computer usable medium having computer readable program code means embodied therein for autonomically adjusting an exhibited presentation on a composite sign, the computer readable program code means in the computer usable medium comprising: computer readable program code means for arranging a presentation into a plurality of devices of the composite display; computer readable program code means for discretely and independently exhibiting a presentation; and computer readable programs code means for controlling the presentation on the exhibiting means including automatic detection of a change to the presentation and modifies the presentation responsive to the change (Column 5, lines 44-61. The examiner interprets that since the display is configured, that this configuration would be in a computer usable medium and that it would contain computer readable program code to accomplish the functions.). Branson fails to teach of a computer usable medium having computer readable program code for exhibiting a first, second and third plurality of presentations. Santoro et al. disclose of a exhibiting a first, second and third plurality of presentations (Paragraphs [0088] and [0089]. The examiner interprets that since the user can choose what is displayed on the display tiles that there would be a plurality of presentations presented and that by changing what is presented in one of the tiles that this would constitute as different pluralities of presentations.). Therefore it would have been obvious to "one of ordinary skill" in the art to combine the display taught by Branson to include multiple presentation information for a plurality of presentations as taught

by Santoro et al. so that instead of having the program update the display to change the size of the presentation displayed when display sections are removed or added, that the program could update the plurality of presentations displayed such that multiple information could be displayed when the display sections are changed

Applicant respectfully disagrees with the Examiner's rejections. Branson in view of Santoro do not teach or suggest a "means for controlling a second plurality of presentations on the exhibiting means including automatic detection of a change to the first plurality of presentations and modification to the second plurality of presentations responsive to the change," as recited in amended independent claim 14.

Applicant agrees with the Examiner that Branson fails to teach an autonomic composite display in which the plurality of devices exhibit a plurality of presentations. The Examiner has relied on Santoro to cure the defects of Branson.

Santoro discloses a computerized method of presenting information from a variety of sources on a display device. Specifically, a graphical user interface organizes the simultaneous display of information from a multitude of information sources. In particular, a graphical user interface organizes content from a variety of information sources into a grid of tiles, each of which can refresh its content independently of the others. The grid functionality manages the refresh rates of the multiple information sources. According to one embodiment, the method allocates refresh rates to tiles according to priorities that are assigned based on identifiers such as quality of service (QoS) tags associated with one or more of the information sources. (Abstract.)

Applicant respectfully submits that Branson, even when combined with Santoro, fails to provide the present invention. The Examiner has referred to paragraphs 0088 and 0089 of Santoro as teaching a plurality of tiles exhibiting a plurality of presentations. However, Santoro merely teaches that each tile is associated with a source of information (paragraph 0089).

Santoro does not discuss the “automatic detection of a change to the first plurality of presentations and modification to the second plurality of presentations responsive to the change,” as in the present invention. As described above, with respect to independent claim 1, Branson also does not teach or suggest modifying a “plurality of presentations responsive to the change” as in the present invention. Therefore, Branson in view of Santoro does not teach or suggest the cooperation of elements as recited in amended independent claim 14, and this claim is allowable over Branson in view of Santoro.

Independent claim 15

Similar to amended independent claim 14, independent claim 15 recites a “computer readable program code means for controlling the second plurality of presentations on the exhibiting means including automatic detection of a change to the first plurality and modifies the second plurality responsive to the change.” As described above, with respect to amended independent claim 14, Branson in view of Santoro does not teach or suggest this feature. Accordingly, the above-articulated arguments related to amended independent claim 14 apply with equal force to claim 15. Therefore, claim 15 is allowable over Branson in view of Santoro for at least the same reasons as claim 14.

Dependent claims

Dependent claims 2-8 and 10-13 depend from amended independent claims 1 and 9, respectively. Accordingly, the above-articulated arguments related to amended independent

claims 1 and 9 apply with equal force to claims 2-8 and 10-13, which are thus allowable over the cited references for at least the same reasons as claims 1 and 9.

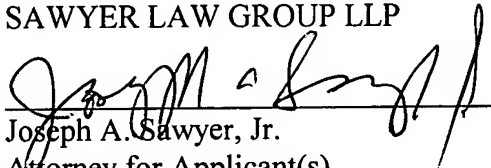
Conclusion

In view of the foregoing, Applicant submits that claims 1-15 are patentable over the cited references. Applicant, therefore, respectfully requests reconsideration and allowance of the claims as now presented.

Applicant's attorney believes that this application is in condition for allowance. Should any unresolved issues remain, the Examiner is invited to call Applicant's attorney at the telephone number indicated below.

Respectfully submitted,

SAWYER LAW GROUP LLP



Joseph A. Sawyer, Jr.
Attorney for Applicant(s)
Reg. No. 30,801
(650) 493-4540

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